

Title (en)

TRANSMISSION DEVICE, ELECTRIC VEHICLE COMPRISING DEVICE, AND METHOD FOR DRIVING DEVICE

Title (de)

ÜBERTRAGUNGSVORRICHTUNG, ELEKTROFAHRZEUG MIT DER VORRICHTUNG UND VERFAHREN ZUR ANSTEUERUNG DER VORRICHTUNG

Title (fr)

DISPOSITIF DE TRANSMISSION, VÉHICULE ÉLECTRIQUE COMPRENANT LE DISPOSITIF ET PROCÉDÉ D'ENTRAÎNEMENT DE DISPOSITIF

Publication

EP 3666571 A1 20200617 (EN)

Application

EP 17922906 A 20170824

Priority

CN 2017098837 W 20170824

Abstract (en)

A transmission device having a dual-power source and a driving method therefor, the transmission device includes a planetary gear assembly that is driven by the dual-power supply; the planetary gear assembly comprises a sun gear, a rotating inner gear ring, and a planetary gear that is engaged between the sun gear and the rotating inner gear ring; the dual-power source comprises an input shaft, the input shaft being connected to the sun gear. dual-powerdual-powerThe direction of the rotational movement of the planetary gear about the input shaft depends on the linear velocity V1 of pitch circle movement of the rotating inner gear ring and the linear velocity V2 of pitch circle movement of the sun gear.

IPC 8 full level

B60K 1/02 (2006.01)

CPC (source: EP KR US)

B60K 1/02 (2013.01 - EP KR US); **B60K 17/08** (2013.01 - EP US); **B60K 17/12** (2013.01 - EP US); **B60L 50/62** (2019.01 - US); **F16H 1/32** (2013.01 - US); **F16H 3/72** (2013.01 - KR US); **F16H 3/724** (2013.01 - EP); **B60Y 2200/91** (2013.01 - EP KR); **B60Y 2400/73** (2013.01 - EP); **F16H 2001/327** (2013.01 - US); **F16H 2200/0021** (2013.01 - EP); **Y02T 10/62** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3666571 A1 20200617; **EP 3666571 A4 20210818**; JP 2020531772 A 20201105; JP 2023089013 A 20230627; JP 7371869 B2 20231031; KR 20200041369 A 20200421; KR 20220003160 A 20220107; US 11598392 B2 20230307; US 2021246970 A1 20210812; US 2021262551 A1 20210826; US 2021356019 A1 20211118; WO 2019037030 A1 20190228

DOCDB simple family (application)

EP 17922906 A 20170824; CN 2017098837 W 20170824; JP 2020531800 A 20170824; JP 2023048213 A 20230324; KR 20207008402 A 20170824; KR 20217043132 A 20170824; US 201716641627 A 20170824; US 202117243569 A 20210428; US 202117389328 A 20210729